

# Work Order ID 70186

Tuesday, May 31, 2011 8:58:02 AM



Page 1

Item ID: D3492-041

Accept



Setup Start



Revision ID:

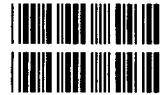
Item Name: Plug Assembly

Stop



Start Date: 5/31/2011 Start Qty: 234.00

Required Date: 5/31/2011 Req'd Qty: 234.00



Cust Item ID:

Customer:

Reference: ECN11-568

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

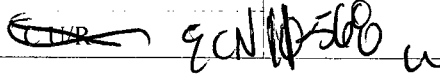


Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
<b>Draw Nbr</b>	<b>Revision Nbr</b>								
D3492									
130	Small Fab	0.00							
									
Small Fab	Memo	0.00							
Small Fab	PULL FROM STOCK: ALL D3492-041 (SEE LIST ATTACHED) SCRAP/DESTROY PER ECN11-568								
190	QC21- Final Inspection - Work Order Release	0.00							
									
QC	Memo	0.00							
Quality Control									

*Handwritten signature*

*u/6/7*

*CL11/06/01*

# Picklist Print

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Work Order ID: 70186

Parent Item: D3492-041

Parent Item Name: Plug Assembly





Start Date: 5/31/2011

Required Date: 5/31/2011

Start Qty: 234.00

Required Qty: 234.00

Comments: IPP rev A 06.03.03 New Issue EC  
IPP Rev:B 06-08-28 As per Rev B JLM  
IPP Rev:C 07-12-06 Rev C dwg DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D3492-041  Plug Assembly		Manufactured	No				Each	0.0000		234			

## List Lots

Tuesday, May 31, 2011 8:35:37 AM

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Criteria : Item ID: d3492-041 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Lot Code	Type Code	Comments
D3492-041 Plug Assembly	Main Warehouse FP013	68250	5/9/2011	120.0000		QC21		
	Main Warehouse FP-B	63994	5/9/2011	4.0000		qc21		
	Main Warehouse FP-B	66937	5/16/2011	32.0000		QC21		
	Main Warehouse FP-B	68510	5/25/2011	78.0000		QC21		
			<b>Total:</b>	234.0000				

7086

h

# **ENGINEERING CHANGE NOTICE** **DART AEROSPACE LTD**

Date: 11.05.30	Job No.: ENG2108	ADR Yes/No: N	ADR Date:	ECN #: 11- 568
Product No.: D350-636		Created By: ASS	Approved By: [Signature]	
Product Name: Skidtube		Checked By: [Signature]	General Manager Approval:	

Distribution	Reqd	Resp	Initial / Date
Production Manager / Coord.	Y	LL	
Purchasing Coord.	N		
Production Engineering Coord.	Y	JLM	

Distribution	Reqd	Resp	Initial / Date
DQA / QA Coord.	N		
QC Coordinator	N		
Customer Technical Support	Y	MB	
Marketing	N		
Customer Order Processing	N		

Reason for Change: IMPROVED FIT

Documents Affected:  
D3492 REV. D

PARTS MUST COMPLY



PREVIOUS PARTS SATISFACTORY



#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	N		SEE BELOW	
6	Update Product Compatability Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		11.05.30 [Signature]
11	Update Product Specification Files	N			11.05.30 [Signature]
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		11.05.30 [Signature]
13	Update Document Record (DR)	Y	KJ	Rev. H	
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Update Parts / STC Database	N			
17	Update / Verify ARC Database	N			
18	Create / Update Change Record Form / Item Card Database	N			
19	Create / Update PPP's	N			
20	Red Decals required?	N			
21	Update Document Control Database / Laminated Dwgs	N			
22	Update Grey Project / Electronic Binder PDF Files	N			11.05.30 [Signature]
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		
24					

**Description / Action:**

UPDATED MDL TO FOLLOW WITH WITH UPDATED IIN & ICA SENT TO FAA

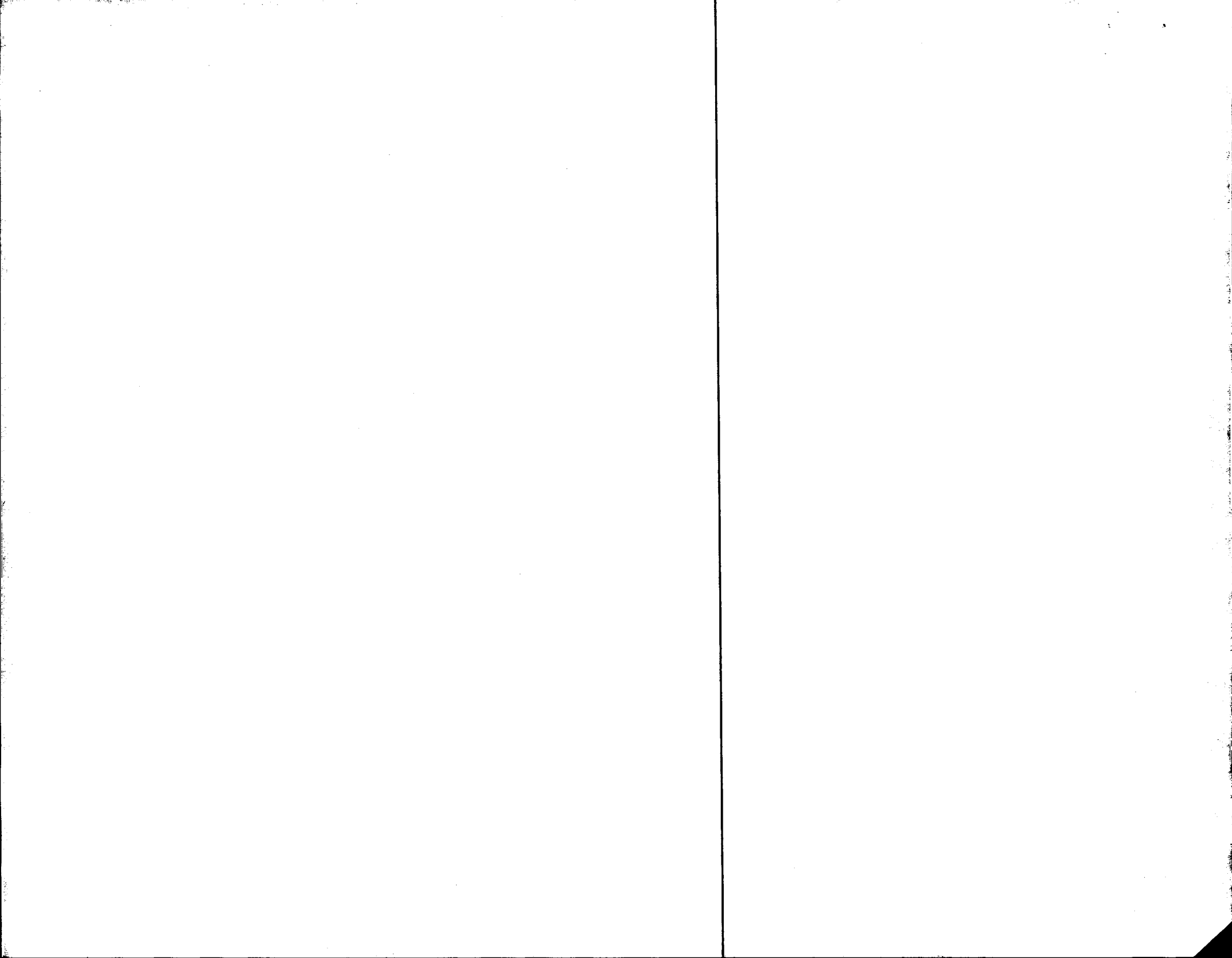
ANY PARTS INSTOCK THAT HAVE BEEN INSTALLED INTO SKIDTUBES ARE ACCEPTABLE.

UN-INSTALLED PARTS IN STORES/BINS MUST BE SCRAPPED.

D3492-1 5/09

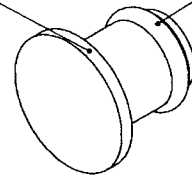
ECN Verified & Complete: \_\_\_\_\_

Date: \_\_\_\_\_



D3492-XX PLUG  
(SEE TABLE)

NAS1611 O-RING  
(SEE TABLE)



### D3492-XXX PLUG PARTS LIST

QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	QTY -051	QTY -053	PART NUMBER	DESCRIPTION
X							D3492-041	PLUG ASSEMBLY
	X						D3492-043	PLUG ASSEMBLY
		X					D3492-045	PLUG ASSEMBLY
			X				D3492-047	PLUG ASSEMBLY
				X			D3492-049	PLUG ASSEMBLY
					X		D3492-051	PLUG ASSEMBLY
						X	D3492-053	PLUG ASSEMBLY
1							D3492-1	PLUG
	1						D3492-3	PLUG
		1					D3492-5	PLUG
			1				D3492-7	PLUG
				1			D3492-9	PLUG
					1		D3492-11	PLUG
						1	D3492-13	PLUG
		1					NAS1611-005	O-RING
			1				NAS1611-007	O-RING
1							NAS1611-010	O-RING
	1					1	NAS1611-012	O-RING
							NAS1611-013	O-RING
					1		NAS1611-015	O-RING
				1			NAS1611-016	O-RING

#### NOTES:

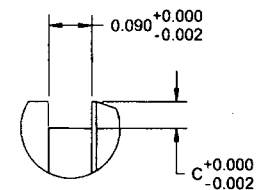
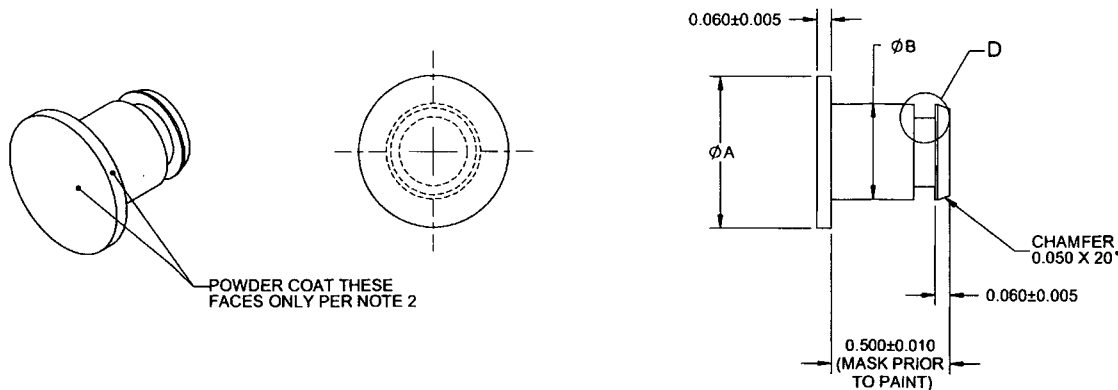
1) O-RING: POSSIBLE SUPPLIER P/N: NAS1611-XXX OR PARKER 2-XXX

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RELEASED  
2011-05-30

D	INCORPORATED DEO D3492-C-1. SHT 2 DIM C FOR -1 WAS 0.055. (SEE CAR11-048)	AJS	11.05.24
C	ADD -049/-051/-053. CHANGE DRAWING FORMAT	PH	07.10.05
B	ADD -047. UPDATE DIM A FOR -045	PH	08.05.11
A	NEW ISSUE	PH	08.01.04
REV.	DESCRIPTION	BY	DATE
DESIGN	PH	DART AEROSPACE LTD	
DRAWN	AJS	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. D
MFG. APPR.	J.F.	D3492	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		PLUG	2:1
DATE	11.05.24	COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

8 7 6 5 4 3 2 1



**DETAIL D**

**D3492-XX PLUG**

**D3492-XX PLUG MACHINING DETAILS**

P/N	A	B	C	MATERIAL SPEC
D3492-1	0.625	0.394	0.050	M6061T6R0.625
D3492-3	0.750	0.582	0.045	M6061T6R0.750
D3492-5	0.375	0.188	0.045	M6061T6R0.375
D3492-7	0.500	0.270	0.045	M6061T6R0.500
D3492-9	0.938	0.750	0.045	M6061T6R1.000
D3492-11	0.850	0.664	0.045	M6061T6R0.875
D3492-13	0.750	0.510	0.045	M6061T6R0.750

**NOTES:**

- 1) MATERIAL: ALUMINUM 5052-H32 OR 6061-T6 OR 1100-0 PER QQ-A-225/7 (5052) OR QQ-A-225/8 (6061) OR QQ-A-200/8 (6061) OR QQ-A-225/1 (1100) (REF. DART MATERIAL SPEC M6061T6R0.000)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
POWDER COAT WHITE GLOSS (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

70186

**RELEASED**  
2011-05-30

DESIGN	PH	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. D
MFG. APPR.	JFS	<b>D3492</b>	SHEET 2 OF 2
APPROVED		TITLE	SCALE
DE APPR.		<b>PLUG</b>	4:1
DATE	11.05.24	COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

8 7 6 5 4 3 2 1